

# AVIATION T&R MANUAL, VOLUME 7

## CHAPTER 4

### AVIATION OPERATIONS SPECIALIST AIRCRAFT SQUADRON, GROUP, WING

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#### 400. INTRODUCTION

1. The purpose of the Marine Aviation Training and Readiness (T&R) program is to provide the commander with standardized programs of instruction for all aviation personnel. The goal is to develop unit WARFIGHTING capabilities, not to measure the proficiency of individuals. Syllabi are based on specific performance standards designed to ensure proficiency in core competencies. An effective Training and Readiness (T&R) program is the first step in providing the MAGTF Commander with an Aviation Combat Element (ACE) capable of accomplishing any and all of its stated missions. The T&R program provides the fundamental tools for commanders to build and maintain unit combat readiness. Using these tools, unit training managers can construct and execute an effective training plan which supports the unit's mission essential tasks.

2. Unit training management is the application of the Marine Corps Training Principles and the Systems Approach to Training to satisfy the training requirements of Commanders at all levels in order to accomplish their wartime missions. Guidance concerning unit training management and the process for establishing effective unit training management programs are contained in MCRP 3-0A, *Unit Training Management Guide*, and form the basis for the development of this T&R Manual. Familiarity with MCRP 3-0A will enhance understanding of the Systems Approach to Training used in T&R development and Marine Corps UTM principles.

3. The Marine Corps Combat Readiness Evaluation System (MCCRES) and the T&R program are inextricably linked. The events contained within the T&R syllabus provide the basis of individual and collective skills which enable units to satisfy the requirements as outlined in their applicable volume of the MCCRES.

4. Diversity of assignments is paramount to the career development of the Aviation Operations Specialist, MOS 7041. Aviation Operations Specialists may serve within the Marine Aircraft Wing at either squadrons, Marine Aircraft Groups, or the Marine Aircraft Wing headquarters. They may also serve as part of the Expeditionary Airfield Operations crew of a Marine Wing Support Squadron, or within the Airfield Operations Department of a Marine Corps Air Station. In each different type of unit, the Aviation Operations Specialist encounters different applications of the same basic skills. To learn the appropriate techniques for each job assignment and to understand the interrelationships between assignments, however, requires rotation of Aviation Operations Specialists through the various positions described in this T&R Manual. Chapter 4 identifies the training requirements for Marines assigned to aircraft squadrons, Marine Aircraft Groups, or Marine Aircraft Wing headquarters. Thorough professional development is enhanced by rotating Aviation Operations Specialists through the higher echelon units so they can learn the application of their skills at each level. Chapter 5 identifies the training requirements for Marines assigned to Marine Corps Air Stations or Marine Wing Support Squadrons. Rotation through the various job assignments within either unit is needed to fully develop the understanding and abilities of Aviation Operations Specialists such that they are well-prepared to lead junior Marines in any and all of the functional areas. The multiple training progression models contained in both chapters apply to all Marines of MOS 7041 and, although periodic evaluation need only to be performed in the functional area to which a Marine is currently assigned, leaders are encouraged to introduce their Aviation Operations Specialists to the tasks required in other functional areas.

#### 401. SUMMARY/INDEX OF LIVE/SIMULATED EVENTS

##### 1. COMBAT CAPABLE STAGE

<u>EVENT</u>	<u>TASK</u>
MAN-100	Identify the command structure for Marine Aviation, and describe the meaning of unit designation abbreviations and aircraft assigned to aviation squadrons by type/model/series.
MAN-101	Identify the elements of a Date/Time/Group, Zulu Time, Time Zones, and Julian Dates.
CPU-110	Type at 25 words per minute.
CPU-111	Set up a computer.
CPU-112	Utilize basic word processing skills.
CPU-113	Manage computer files.
CPU-120	Demonstrate a knowledge of the formats and procedures used in preparing Naval correspondence.
DIR-130	Demonstrate a knowledge of the Naval directives system.
FPC-140	Identify the International Civil Aeronautics Organization (ICAO) designation for each Marine Corps Air Station.
FPC-141	Extract information from flight information publications.
FPC-142	Audit a DD-175 Flight Plan.
FLD-150	Demonstrate a knowledge of Naval flight records.
NTP-160	Demonstrate a knowledge of the annual NATOPS requirements.

## 2. COMBAT READY STAGE

<u>EVENT</u>	<u>TASK</u>
MAN-200	Create and maintain a situation map.
CPU-210	Create a spreadsheet.
CPU-211	Create a database.
COR-220	Prepare Naval Correspondence.
COR-221	Mark CLASSIFIED CORRESPONDENCE, DOCUMENTS AND messages.
COR-222	Maintain correspondence files.
COR-223	R OUTE CORRESPONDENCE AND MESSAGES.
COR-224	Prepare a Standard Naval Message for transmission.
PUB-230	Maintain Naval Directives System.
FPC-240	Prepare Instrument Navigational Packets.

- FLD-250 Verify flight data from a NAVFLIRS source document into a computer database.
- FLD-251 Record flight data into an Aviators Flight Logbook.
- FLD-252 Enter end of month, end of fiscal year, and aircrewmember transfer entries in a Naval Aircrew Logbook.
- FLD-253 Review Daily Validation Reports and make corrections as appropriate.
- FLD-254 Prepare and file completed NAVFLIRS source documents in the Master Flight Files.
- FLD-255 Update the unit's ATRIMS database utilizing input from the NAVFLIRS.
- FLD-256 Print various reports utilizing the ATRIMS program.
- NTP-260 Maintain NATOPS Qualification Jackets.
- NTP-261 Prepare and type the NATOPS Evaluation Report.
- NTP-262 Prepare and type the NATOPS Instrument Ratings Request.
- ARM-270 Enter data utilizing the Marine Corps Lessons Learned System (MCLLS)/Joint User Lessons Learned System (JULLS).
- TAC-280 Enter data utilizing the Contingency Theater Automated Planning System (CTAPS).

### 3. COMBAT QUALIFICATION STAGE

- | <u>EVENT</u> | <u>TASK</u>  |
|--------------|--|
| CPU-310      | Serve as the section's Information Systems Coordinator (ISC).  |
| COR-320      | Review typed correspondence for errors.  |
| COR-321      | Prior to transmission, review a standard naval message.  |
| COR-322      | Prepare a Command Chronology and maintain historical library.  |
| COR-323      | Prepare and type the appropriate Serious Incident Report (SIR).  |
| COR-324      | Manage and serve as a Secondary Control Point Custodian.   |
| FLD-350      | Review and correct aviators flight log books.  |
| FLD-351      | Review Daily Validation Reports to ensure corrections are being made and that data contained on the Part II does not continue. |

- FLD-352 Analyze ATRIMS Reports to determine unit Combat Readiness Percentage (CRP).
- FLD-353 Determine aircrewmember eligibility for assignment to Temporary Flight Orders.
- FLD-354 Issue Temporary Flight Orders for Crewmembers and Non-Crewmembers.
- FLD-355 Monitor Temporary Flight Order expenditures.
- ARM-370 Input after action items following exercises, conferences, or if an item is determined to be of significant importance into the Marine Corps Lessons Learned System (MCLLS)/Joint User Lessons Learned System (JULLS).
- ARM-371 Input data in the Global Command and Control System (GCCS).
- ARM-372 Prepare a Status of Resources and Training System (SORTS) report.
- ARM-373 Utilize the Marine Corps Training and Exercise Employment Program (MCTEEP) to plan and schedule current/projected training commitments and deployments.
- TAC-380 Set up and operate a Computer Aided Force Management System (CAFMS) remote work station.

#### 4. FULL COMBAT QUALIFICATION STAGE

<u>EVENT</u>	<u>TASK</u>
MAN-400	Prepare and publish an Operations Order.
PUB-430	Demonstrate proficiency in drafting Unit Directives.
FLD-450	Conduct a monthly audit of a squadron Temporary Flight Order Program.
ARM-470	Retrieve data via the Global Status of Resources Training System (GSORTS)/
ARM-480	Establish a Command Operations Center (COC) or Tactical Air Command Center (TACC).
ARM-481	Input and retrieve data utilizing the capabilities and applications of TCO/JMCIS.
ARM-482	Prepare an Air Tasking Order/Integrated Tasking Order (ATO/ITO) utilizing the capabilities of Aviation Planning System (APS).
ARM-483	Enter and retrieve data via the Computer Aided Force Management System (CAFMS).
ARM-484	Input and retrieve data utilizing the Airspace Deconfliction System/Air Control Planning (ADS/ACP) System.

- ARM-485 Build, publish and monitor the execution of an ATO.
- ATC-490 Validate airlift request for Marine Corps aircraft.
- ATC-491 Input airlift request to the Joint Automated Logistics Information System (JALIS).
- ATC-492 Schedule OSA assets in a cost-effective manner, by combining requests to maximize use of available seating and minimize dead-head legs.
- ATC-493 Prepare and analyze Monthly/Quarterly Reports for submission to HQMC.
- ATC-494 Prepare requests for U.S. Air Force strategic aerial refueling to the Air Mobility Command's Receiver Interactive Planning System (RIPS2).

#### 402. UNIT TRAINING POLICIES

1. The unit's training program emphasizes qualifications and the overall combat readiness of the unit. Individual training serves as the building block for overall unit readiness. However, unit training must not be compromised for the training of a select, few individuals. Squadron and battalion commanding officers will ensure that this training philosophy is implemented. Unit training must predominate, and squadrons must tailor their training plans to ensure unit combat readiness.
2. The training of Marines to perform as an integral aviation unit in combat lies at the heart of the T&R program. Unit readiness and individual readiness are directly related. Individual training and the mastery of individual core skills serve as the building blocks for unit combat readiness. A Marine's ability to perform those critical skills required in combat is essential.
3. Commanders shall ensure that all tactical training is conducted to a MCCRES standard. The MCCRES, as outlined in MCO P3501.1, is the unit training standard, and all syllabus events shall be tailored to meet MCCRES requirements. Commanders at all levels are responsible for effective aviation training. The conduct of training in a professional manner consistent with Marine Corps standards cannot be overemphasized.
4. Commanders must be cognizant of the numerous factors affecting unit training on a daily basis. Factors which all commanders must address include, but are not limited to:
  - a. Efficiency. Time and resources expended are measurements for training efficiency. Commanders must ensure that all training increases combat readiness. Unit personnel shall thoroughly plan and effectively execute training to maximize the return on their time and effort.
  - b. Individual Differences. Commanders must recognize the differences inherent in each individual and should mold flexible training programs to accommodate those differences.
  - c. Decentralization of Training. The lowest echelon possible shall be responsible for conducting training. Each senior level of command must

monitor subordinate levels to ensure safe and efficient training.

5. Commanders shall provide personnel the opportunities to attend formal and operational level courses of instruction as required by this Manual. Attendance of formal courses of instruction must enhance the warfighting capabilities of the unit.

6. Risk Management. Operational Risk Management (ORM) is a process to aid commanders in accomplishing their missions while protecting the force. Commanders, leaders, maintainers, planners and schedulers should integrate risk assessment in the decision making process and implement hazard controls to eliminate risk or reduce it to acceptable level.

#### **403. AVIATION OPERATIONS SPECIALIST (FMF) TRAINING PROGRESSION PHILOSOPHY**

1. All personnel will attend formal school training to qualify for duty in the Aviation Operations Specialist MOS. Upon completion of formal school training Marines will receive additional training commensurate with their individual assignments within the Operating Forces.

#### **404. AVIATION OPERATIONS SPECIALIST (FMF) TRAINING PROGRESSION MODEL**

1. The Training Progression Model for the Aviation Operations Specialist assigned to an aircraft squadron, MAG, or MAW headquarters is depicted in figure 4.1.

2. This model depicts the **logical progression of qualifications** within a unit. The base of each model contains those qualifications an individual attains at the MOS-qualifying school. The highest tier of the progression model will contain those qualifications held by only the most experienced personnel within a unit.

3. The Combat Capable tier will, in most cases, be accomplished at the completion of initial MOS skills training. With successful completion of the combat capable tier, unit personnel are assigned basic MOS qualification and progress to the Combat Ready tier.

4. On the Combat Ready tier, qualifications that are normally made available to fairly inexperienced personnel will be delineated. This tier should take the individual who has completed initial MOS skills training and make him or

her proficient in core competencies. With successful completion of the combat ready tier, unit personnel move to the Combat Qualification tier.

5. The Combat Qualification tier will be that portion of the model that produces combat leaders and fully qualified crewmembers. The personnel that are being trained in the combat qualification tier are those Marines when a commanding officer feels are capable of directing the actions of subordinates during wartime scenarios.

6. The Special Skill Qualification tier will contain special skills, and qualifications. These skills or qualifications are not prerequisite to combat qualification or the ability to function as combat leaders, but rather are those for which a certain number of trained individuals or crews must be maintained in order to accomplish special missions or tasks.

7. In some cases, higher echelon supervisory position training and qualifications may be reflected where the development of a separate T&R syllabus is not practical or warranted. These personnel are the most experienced personnel within a unit. They are expected to display the maturity and tactical acumen commensurate with this status on a daily basis, and assist the commanding officer with oversight of the unit training program.

8. The unit's training progression model provides training officers with a valuable tool to develop training plans. With a clear progression of qualifications delineated, and an emphasis on the qualification of "combat capable" and "combat ready" personnel, training officers have the ability to produce viable training plans. Units will use the model as a point of departure to generate weekly, monthly, quarterly and annual training plans.

Figure 4-1 -- Aviation Operations Specialist (FMF) Training Progression Model

#### 405. PROGRAMS OF INSTRUCTION (POI) FOR AVIATION OPERATIONS SPECIALIST (FMF)

##### 1. BASIC FMF AVIATION OPERATIONS SPECIALIST

<u>WEEKS</u>	<u>COURSE/PHASE</u>	<u>ACTIVITY</u>
1-8	COMBAT CAPABLE TRAINING	MATSG, NTTC MERIDIAN
9-26	COMBAT READY	FMF
27-104	COMBAT QUALIFICATION	FMF
105-156	FULL-COMBAT QUALIFICATION	FMF

##### 2. TRANSITION FMF AVIATION OPERATIONS SPECIALIST

<u>WEEKS</u>	<u>COURSE/PHASE</u>	<u>ACTIVITY</u>
1-8	COMBAT CAPABLE TRAINING	MATSG, NTTC MERIDIAN
9-26	COMBAT READY	FMF
27-104	COMBAT QUALIFICATION	FMF
105-156	FULL-COMBAT QUALIFICATION	FMF

##### 3. REFRESHER FMF AVIATION OPERATIONS SPECIALIST

<u>WEEKS</u>	<u>COURSE/PHASE</u>	<u>ACTIVITY</u>
N/A		

#### 406. SPECIAL DESIGNATIONS

<u>WEEKS</u>	<u>COURSE/PHASE</u>	<u>ACTIVITY</u>
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NONE

**407. GROUND/ACADEMIC TRAINING**

1. ACADEMIC TRAINING SHALL BE CONDUCTED FOR EACH PHASE/STAGE OF THE SYLLABUS. The following lectures are strongly encouraged to be incorporated as part of a sound training plan. Where indicated, standardized academic training materials exist and may be obtained from the activity listed as the sponsor.

Lecture Code	Lecture Title	Sponsor
	<b>Proposed 200 Level: Combat Ready Training</b>	
	N/A - For future development	
	<b>Proposed 300 Level: Combat Qualified Training</b>	
	N/A - For future development	
	<b>Proposed 300 Level: Full-Combat Qualified Training</b>	
	N/A - For future development	

2. External academic courses of instruction required to complete the syllabus are listed below.

COURSEACTIVITY

SORTS DATA HANDLERS MTT  
CTAPS OPERATOR TRAINING COURSE

KEESLER AFB, MS  
AGOS HURLBURT FLD, FL

**408. TRAINING REFERENCES**

1. The following training references shall be utilized to ensure safe and standardized training procedures, performance steps, grading criteria, and equipment operation:

TITLE

FMFM 5-1	MARINE AVIATION
SECNAVINST 5216.5	NAVY CORRESPONDENCE MANUAL
OPNAVINST P3710.7	NAVAL AVIATION GENERAL OPERATING INSTRUCTIONS
OPNAVINST P4790.2	NAVAL AVIATION MAINTENANCE PROGRAM
OPNAVINST 5510.1	SECURITY REGULATIONS MANUAL
MCO P1070.12	INDIVIDUAL RECORDS ADMINISTRATION MANUAL
MCO 1326.2	ADMINISTRATION OF TEMPORARY FLIGHT ORDERS
MCO P3000.13	MARINE CORPS STATUS OF RESOURCES AND TRAINING (SORTS) STANDING OPERATING PROCEDURES (SOP)
MCO P3040.4D	MARINE CORPS CASUALTY PROCEDURES MANUAL
MCO 3100.2	OPERATIONAL REPORTING
MCO P3500.14	AVIATION TRAINING AND READINESS MANUAL, VOLUME 1: ADMINISTRATIVE
MCO 4631.1	MARINE CORPS OPERATIONS SUPPORT AIRLIFT MANAGEMENT
MCO 5000.17	MARINE CORPS LESSONS LEARNED MANUAL
MCO 5210.11	SECURITY MANUAL

MCO P5215.1	MARINE CORPS DIRECTIVES SYSTEM MANUAL
MCO 5750.3	MARINE CORPS HISTORICAL PROGRAM MANUAL
FAA 7350	FAA INTERNATIONAL CIVIL AERONAUTICAL ORGANIZATION MANUAL
GP/AP	FAA GENERAL PLANNING DOCUMENTS
FMFM 3-1	COMMAND AND STAFF ACTION
FM 101-5-1	MAP SYMBOLOLOGY
USMTF VOL I THRU V	US MESSAGE TEXT FORMAT MANUAL
JCS PUB 1-0	JOINT OPERATIONS PLANNING AND EXECUTION SYSTEM
JCS PUB 1-02	DICTIONARY OF MILITARY TERMS
JCS PUB 2-0	DOCTRINE FOR JOINT OPERATIONS
JCS PUB 6-0	JOINT OPERATING PROCEDURES
NTP-3	NAVAL TELECOMMUNICATIONS SYSTEM CTAPS USER'S MANUAL NALCOMIS USER'S MANUAL GCCS USER'S MANUAL MCTEEP USER'S MANUAL

#### 409. LIVE/SIMULATOR EVENT PERFORMANCE REQUIREMENTS

1. General. The majority of the Aviation Operations Specialist syllabus is ground training. Likewise, development of MAGTF training involving extensive integration with applicable elements of the MAGTF is mandatory in the development of a fully combat qualified Aviation Operations Specialist.

a. Live Training. Training event condition codes listed as L (live), L/S (live preferred/simulator optional), and S/L (simulator preferred/live optional) in this syllabus designate training to be conducted without the aid of simulator devices. Training not conducted in the live training environment shall be replaced with simulation where applicable as indicated in the condition code.

b. Simulator Training. N/A.

3. Minimum Performance Time for Syllabus "Write-Off"/Designations. Personnel may receive credit for successful completion of any syllabus requirement (except qualifications) upon either a written, oral, or practical demonstration of proficiency, at the commanding officer's discretion. Completion of 70 percent of any syllabus requirement (except qualifications) may be "certified" as complete at the discretion of the designated evaluator. Qualifications require a completed performance evaluation, and the designation signed by the commanding officer.

4. Evaluation of Training. Evaluation of those portions of the syllabus which are academic in nature will be conducted by either written or oral examination, or a combination of the two means. Operational and system related subjects will be evaluated by practical application means whenever

possible. Performance evaluation to qualify for mission qualifications and designations will be conducted per MCO P3500.14, Aviation T&R Manual, Volume 1, and the standardized evaluation forms located in the appendix to this syllabus.

#### 410. COMPONENTS OF A T&R EVENT

1. General. An event contained within a T&R manual is an Individual or collective training standard and contains seven or eight components, dependent on the tier in which they are contained:

1/ <u>SAM-XXX</u>	2/ <u>0.5</u>	3/ <u>T,C,R, E</u>	4/ <u>EQUIP</u>	5/ <u>L/S (NS)</u>	6/ <u>L/S (NS)</u>
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**TASK:** The title of a unit of work which needs to be done in the performance of a Marine's duties. It is a clearly stated performance-oriented action requiring learned skills and knowledge, i.e., Engage a rotary winged aircraft.

**CONDITION(S):** The condition(s) set for the real-world or combat circumstances in which the tasks are to be performed. They indicate what is provided (equipment, tools, materials, manuals, aids, etc.), environmental constraints or conditions under which the task is performed, and any specific cues or indicators to which the performer must respond. When resources or safety requirements limit the conditions, this should be stated.

**STANDARD(S):** The performance standard indicates the basis for judging the effectiveness of the performance. It consists of a carefully worded statement which identifies the proficiency level expected when the task is performed. It is not guidance, it is inviolate. Performance standards are specified in terms of accuracy, speed, sequencing, quality of performance, adherence to procedural guidelines, etc.

**PERFORMANCE STEP(S):** *Listed for 100 level T&R events only.* Performance steps are the actions or decisions required to fulfill proficiency established by the standard. The major performance steps which are required to perform the task to proficiency are listed in the order of performance. Minor steps are not listed.

**PREREQUISITE(S):** Provides a listing of academic training or other T&R events which must be completed prior to satisfying the task.

**REFERENCE(S):** Listing of doctrinal or reference publications which may assist the trainee in satisfying the performance standards, or the trainer in evaluating the effectiveness of task completion.

**ORDNANCE:** A listing of Ordnance types and quantities required to satisfy the Task.

**EXTERNAL SUPPORT REQUIREMENTS:** A listing or description of the external support requirements which may be required to satisfy completion of the task. May include range requirements, support aircraft, targets, training devices, or other personnel and equipment.

- NOTES:
- 1/ Events are coded per Appendix B of MCO P3500.14, T&R Manual Vol 1.
  - 2/ Projected Event Duration is furnished as a planning tool.
  - 3/ Denotes the applicable Program of Instruction (Basic POI is understood).
  - 4/ An "E" indicates an Evaluated event.
  - 5/ The equipment or activity subcategory is listed.
  - 6/ Condition Code: **L** = live Training; **S** = simulator training; **L/S** = live preferred/simulator optional; **S/L** = simulator preferred/live optional; **N** = Night; **NS** = Night Vision Device. Where contained within ( ) denotes optional conditions.

#### 411. COMBAT CAPABLE TRAINING

1. Purpose. To develop basic knowledge of the principles and concepts of the MOS skills of an Aviation Operations Specialist.

a. General

(1) Administrative Notes. None

(2) Prerequisite. Marines will complete the Aviation Operations Specialist Basic Course of Instruction, Marine Air Training Support Group, Meridian, MS.

b. Crew Requirements. None.

c. Academic Training. Appropriate academic training and lectures for the stage as depicted in paragraph 410.

d. Live and Simulator Event Training (13 Events, 272 Hours)

MAN-100

1.0

E

L

TASK: Identify the command structure for Marine Aviation, and describe the meaning of unit designation abbreviations and aircraft assigned to aviation squadrons by type/model/series.

CONDITION(S): Without the use of references.

STANDARD(S): Per the references, and with 100% accuracy.

PREREQUISITE(S): None.

REFERENCE(S): FMFM 5-1.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

MAN-1011.0EL

TASK: Identify the elements of a Date/Time/Group, Zulu Time, Time Zones, and Julian Dates.

CONDITION(S): Without the aid of references, given a time and date in a given time zone, determine the appropriate Zulu Time, Date/Time/Group, and Julian Date.

STANDARD(S): With 100% accuracy.

PREREQUISITE(S): None.

REFERENCE(S): None.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

CPU-11080.0EL

TASK: Type at 25 words per minute.

CONDITION(S): With the use of a computer, and typing materials provided.

STANDARD(S): Type the provided material with a maximum of 5 errors for three sustained timed writings.

PREREQUISITE(S): None.

REFERENCE(S): None.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: A keyboarding Lab.

CPU-1113.5EL

TASK: Set up a computer.

CONDITION(S): Given a keyboard, Computer Processing Unit, monitor, printer and mouse with appropriate connecting wires.

STANDARD(S): With 100% accuracy.

PREREQUISITE(S): None.

REFERENCE(S): Computer owner manual.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

CPU-1124.0EL

TASK: Basic word processing.

CONDITION(S): Create, save, recall, and print a word processing document.

STANDARD(S): With 100% accuracy.

PREREQUISITE(S): None.

REFERENCE(S): Word Processing Manual.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

CPU-113      2.0                      E                                      L

TASK: Manage computer files.

CONDITION(S): Given a list of files on a computer.

STANDARD(S): With 100% accuracy.

PREREQUISITE(S): None.

REFERENCE(S): Computer Software Manual.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

COR-120      0.0      T,C,R, E      EQUIP                      L/S (NS)

TASK: Demonstrate a knowledge of the formats and procedures used in preparing Naval correspondence.

CONDITION(S): Given appropriate materials and equipment.

STANDARD(S): At a minimum, the Marine will, according to the references:

- (1) Prepare a standard naval letter.
- (2) Prepare an endorsement.
- (3) Prepare a standard naval message.
- (4) Properly mark a document with the appropriate security classification.
- (5) Properly file correspondence.

PERFORMANCE STEP(S): None.

PREREQUISITE(S): None.

REFERENCE(S): SECNAVINST 5216.5, NTP 3, OPNAVINST 5510.1, SECNAVINST 5215, MCO 5210.11.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

DIR-130      0.0      T,C,R, E      EQUIP                      L/S (NS)

TASK: Demonstrate a knowledge of the Naval Directives System.

CONDITION(S): Given the appropriate materials and equipment.

STANDARD(S): At a minimum, the Marine will, according to the reference:

- (1) File Navy and Marine Corps directives.
- (2) Incorporate changes to directives.
- (3) Type a directive from a rough draft.

PERFORMANCE STEP(S): None.

PREREQUISITE(S): None.

REFERENCE(S): MCO P5215.12.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

FPC-140

1.0

E

L

TASK: Identify the ICAO designation for each Marine Corps Air Station.

CONDITION(S): Without the use of references.

STANDARD(S): With 100% accuracy.

PREREQUISITE(S): None.

REFERENCE(S): FAA 7350.

EXTERNAL SUPPORT REQUIREMENTS: None.

FPC-141

0.5

E

L

TASK: Extract information from flight information publications.

CONDITION(S): Given the appropriate materials and equipment.

STANDARD(S): Per the reference.

PREREQUISITE(S): None.

REFERENCE(S): Current FAA Regulations.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

FPC-142

0.5

E

L

TASK: Audit a DD-175 Flight Plan.

CONDITION(S): Given a DD-175 and the reference.



STANDARD(S): With 100% accuracy.

PREREQUISITE(S): None.

REFERENCE(S): General Planning Guide.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

FLD-150      0.0    T,C,R, E      EQUIP            L/S (NS)

TASK: Demonstrate a knowledge of naval flight records.

CONDITION(S): Given the appropriate materials and equipment.

STANDARD(S): At a minimum, the Marine will, according to the references:

- (1) Verify flight records from source documents.
- (2) Record the appropriate entries in a Naval Aircrew Flight Logbook.
- (3) Input aircrew data into the Aviation Training Readiness Information Management System (ATRIMS).
- (4) Maintain and audit temporary flight orders.

PERFORMANCE STEP(S): None.

PREREQUISITE(S): None.

REFERENCE(S): OPNAVINST 3710.7, MCO P3500.17, MCO 1326.2.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

NTP-160      0.0    T,C,R, E      EQUIP            L/S (NS)

TASK: Demonstrate a knowledge of the annual NATOPS requirements.

CONDITION(S): Given the appropriate materials and equipment.

STANDARD(S): At a minimum, the Marine will, according to the reference.

- (1) Prepare a NATOPS Instrument Rating Request.
- (2) Prepare a NATOPS Evaluation.

PERFORMANCE STEP(S): None.

PREREQUISITE(S): None.

REFERENCE(S): OPNAVINST 3710.7.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

**412. COMBAT READY TRAINING**

1. Purpose. On the Combat Ready tier, qualifications that are normally made available to fairly inexperienced personnel will be delineated. This tier should take the individual who has completed initial MOS skills training and make him or her proficient in core competencies. With successful completion of the combat ready tier, unit personnel move to the Combat Qualification tier.

a. General

(1) Administrative Notes. None.

(2) Prerequisite. Marines will have successfully completed the previous stage of training and have achieved appropriate qualifications and designations per paragraph 407.

b. Crew Requirements. None.

c. Academic Training. Appropriate academic training for this stage is depicted in paragraph 410.

d. Live and Simulator Event Training (9 Events, 11 Hours)MAN-2003.0RL

TASK: Create and maintain a situation map.

CONDITION(S): Given the appropriate data and materials.

STANDARD(S): Per the references, the Marine will, according to the references:

- (1) Select appropriate map.
- (2) Plot friendly units utilizing correct unit symbology.
- (3) Plot appropriate Fire Support Control Measures.
- (4) Plot actual and proposed scheme(s) of maneuvers.

PERFORMANCE STEP(S): None.

PREREQUISITE(S): None.

REFERENCE(S): FMFM 3-1, FM 17-43.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

CPU-2101.0RL

TASK: Create a spreadsheet.

CONDITION(S): Given a computer containing the current Marine Corps standard spreadsheet program, and a list of data elements.

STANDARD(S): With 100% accuracy, create and print a spreadsheet.





(1) Receive correspondence/messages and determine action required.

(2) Make log entries to document receipt and section responsible for action.

(3) Route correspondence/messages to appropriate action officer.

(4) Monitor to ensure action is completed by required deadline.

PREREQUISITE(S): COR-220, COR-222.

REFERENCE(S): MCO 5210.11.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

COR-224

1.0

R

L

TASK: Prepare a Standard Naval Message for transmission.

CONDITION(S): Given the appropriate materials and equipment.

STANDARD(S): Per the references, the Marine will:

- (1) Determine the correct Plain Language Address Directory (PLAD) utilizing the Database PLAD Validation System (DPVS) for each addressee.
- (2) Determine the SSIC of the message.
- (3) Determine the correct date-time-group (DTG) and routing indicator.
- (4) Type the message.
- (5) Submit the message for release and transmission.

PREREQUISITE(S) : None.

REFERENCE(S): NTP-3, USMTF Vol I thru V.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

PUB-230

<u>1.0</u>	<u>R</u>	<u>L</u>
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TASK: Maintain Naval Directives System.

CONDITION(S): Given the appropriate materials and equipment.

STANDARD(S): Per the reference, the Marine will:

- (1) File Navy and Marine Corps Directives, and incorporate changes to directives as they occur.
- (2) Audit NAVMC 2761 and Directives Checklists and request new/replacement directives as required.
- (3) Type unit directives in the correct format from a rough draft.

PREREQUISITE(S): None.



FLD-251

1.0

R

L

TASK: Record flight data into an Aviators Flight Logbook.

CONDITION(S): Given appropriate materials and equipment.

STANDARD(S): Per the reference.

PREREQUISITE(S): FLD-250

REFERENCE(S): OPNAVINST 3710.7.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

FLD-252

2.0

R

L

TASK: Enter end of month, end of fiscal year, and aircrewmember transfer entries in a Naval Aircrew Logbook.

CONDITION(S): Given appropriate materials and equipment.

STANDARD(S): Per the reference, the Marine will:

- (1) Monthly, close out all columns on the Flight Record and total/bring forward all flight hour columns.
- (2) Log flight time in "Summary of Pilot Time by Month, Model, Etc" page.
- (3) End of fiscal year entries, total all columns and obtain aircrew signature. Line out remaining lines on page and annotate no further entries for that month.
- (4) When transferring aircrew, total all columns. Line out remaining lines on page and annotate no further entries for that command. Obtain signatures from the aircrewmember and the unit Commander or his representative.

PREREQUISITE(S): FLD-251, FLD-250.

REFERENCE(S): OPNAVINST P3710.7.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

FLD-253

1.0

R

L

TASK: Review Daily Validation Reports and make corrections as appropriate.

CONDITION(S): Given appropriate materials and equipment.

STANDARD(S): Per the reference the Marine will:

- (1) Validate Part I entries with source documents.





REFERENCE(S): OPNAVINST 3710.7, MCO P3500.14, Applicable  
T&R Manual.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

FLD-256

<u>1.0</u>	<u>R</u>	<u>L</u>
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TASK: Print various reports utilizing the ATRIMS program.

CONDITION(S): Given appropriate materials and equipment.

STANDARD(S): Per the references the Marine will:

- (1) Update ATRIMS program files and databases.
- (2) Create a separate database containing data on aircrewmembers assigned to a detachment. Reintegrate detachment members data at the conclusion of a deployment.
- (3) Print required reports.
- (4) Prepare a back-up diskette after each update.
- (5) Add, delete and transfer aircrewmembers to the database.

PREREQUISITE(S): FLD-250, FLD-255.

REFERENCE(S): OPNAVINST 3710.7, MCO P3500.14, Applicable  
T&R Volume.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

NTP-260

1.0      R                          L

TASK: Maintain NATOPS Qualification Jackets.

CONDITION(S): Given appropriate materials and equipment.

STANDARD(S): At a minimum, the Marine will, according to the reference:

- (1) Ensure security of NATOPS Qualification Jackets.
- (2) NATOPS Jackets will be reviewed upon reporting, annually, and upon any major changes in flight status.
- (3) Ensure Review and Certification Record is signed (OPNAV 3760/32A).
- (4) Update NATOPS Evaluation and Instrument Ratings annually.
- (5) Update Record of Flight Equipment Issue as necessary (OPNAV 3760/32B).
- (6) Update Flight Personnel Designation Record when each designation is achieved (OPNAV 3760/32C).
- (7) Update School/Course Attendance Record as necessary (OPNAV 3760/32E).

PREREQUISITE(S): None.



ARM-270

1.0

RL

TASK: Enter data utilizing the Marine Corps Lessons Learned System (MCLLS)/Joint User Lessons Learned System (JULLS).

CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per the references the Marine will:

- (1) Input required data in the preparation of an Air Tasking Order (ATO).
- (2) Input data into the system regarding mission updates.

PREREQUISITE(S): None.

REFERENCE(S): MCO 5000.17, Software Users Manual(s).

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

TAC-280

2.0

R

L

TASK: Enter data utilizing the Contingency Theater Automated Planning System (CTAPS).

CONDITION(S): Given appropriate materials and equipment.

STANDARD(S): Per the CTAPS Users Manual, the Marine will:

- (1) Input data from a rough draft ATO.
- (2) Retrieve data as required from CTAPS.

PERFORMANCE STEP(S): None.

REFERENCE(S): CTAPS Users Manual.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: Air Ground Operations School, Hurlburt Field, FL.

### 413. COMBAT QUALIFICATION TRAINING

1. Purpose. The Combat Qualification tier is that training which produces combat leaders and fully qualified crewmembers. The personnel being trained in the combat qualification tier are those Marines a commanding officer feels are capable of directing the actions of subordinates during wartime scenarios.

a. General

- (1) Administrative Notes. None.
- (2) Prerequisite. Marines will have successfully completed the previous stage of training and have achieved appropriate qualifications and designations per paragraph 433.

- b. Crew Requirements. None.
- c. Academic Training. Appropriate academic training for this stage is depicted in paragraph 410.

d. Live and Simulator Event Training (10 Events, 24 Hours)

CPU-310

5.0

R

L

TASK: Serve as the section's Information Systems Coordinator (ISC).

CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per current hardware, software and network manuals the Marine will:

- (1) Establish and perform routine and scheduled maintenance on computer systems.
- (2) Retain all computer software application documentation.
- (3) Maintain the section's database files for data retrieval.
- (4) Install computer systems and software.

PREREQUISITE(S): CPU-211, CPU-210, Local ISC Course of Instruction.

REFERENCE(S): Current hardware, software and network manuals.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

COR-320

1.0

R

L

TASK: Review typed correspondence for errors.

CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per the references the Marine will:

- (1) Ensure Standard Subject Identification Codes (SSIC) are correct.
- (2) Verify appropriate abbreviations.
- (3) Verify correspondence is in the appropriate format.
- (4) Ensure spelling and grammar are correct

PREREQUISITE(S): COR-220.

REFERENCE(S): SECNAVINST 5210.11, MCO P1070.12, SECNAVINST 5216.5, NTP-3.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

COR-321      1.0      R      L

TASK: Prior to transmission, review a standard naval message.

CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per the reference the Marine will:

- (1) Ensure the Plain Language Address Directory (PLAD) for each addressee is correct.
- (2) Determine the category of message and SSIC are correct.
- (3) Check for format, grammatical and spelling errors.
- (4) Submit the message for release and transmission.

PREREQUISITE(S): COR-224.

REFERENCE(S): NTP-3, USMTF Vol I thru V, JCS Pub 1,  
SECNAVINST 5216.5.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

COR-322      2.0      R      L

TASK: Prepare a Command Chronology and maintain historical library.

CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per the reference, the Marine will:

- (1) Compile and submit the Command Chronology report.
- (2) Maintain a command historical library.
- (3) Ensure accountability of unit's lineage and awards.
- (4) Ensure serviceability of unit's colors

PREREQUISITE(S): None.

REFERENCE(S): MCO 5750.3.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

COR-323 1.0 R L

TASK: Prepare and type the appropriate Serious Incident Report (SIR).

CONDITION(S): Given the appropriate equipment and materials.



CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per the reference the Marine will:

- (1) Review Previously Accessed Record (PAR) column on Part II to determine the number of times that a document containing errors has appeared.
- (2) Ensure flight hour totals listed in Part V are correct.

PREREQUISITE(S): FLD-256, FLD-255.

REFERENCE(S): OPNAVINST P3710.7.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

## FLD-352

<u>2.0</u>	<u>R</u>	<u>L</u>
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TASK: Analyze ATRIMS Reports to determine unit Combat Readiness Percentage (CRP).

CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per the references the Marine will:

- (1) Prepare reports identifying aircrewmember CRP shortfalls.
- (2) Identify 30, 60 and 90 day forecasts of CRP delinquency.
- (3) Identify aircrewmember training requirements that are unique to the TMS flown by a particular unit.

PREREQUISITE(S): FLD-256, FLD-255.

REFERENCE(S): OPNAVINST P3710.7, MCO P3500.14.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

## FLD-353

2.0 R L

TASK: Determine aircrewmember eligibility for assignment to Temporary Flight Orders.

CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per MCO 1326.2 the Marine will:

- (1) Determine that the prospective aircrewmember has completed all aeromedical qualifications.
- (2) File aeromedical documentation in the aircrewmembers NATOPS Qualification Jacket.





ARM-370

1.0

R

L

TASK: Input after action items following exercises and conferences, or items determined to be of significant importance, into the Marine Corps Lessons Learned System (MCLLS)/Joint User Lessons Learned System (JULLS).

CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per the reference, the Marine will:

- (1) Determine if a MCLLS item is accurate and complete.
- (2) Input the item into MCLLS database using current software.
- (3) Forward MCLLS via the chain of command.
- (4) Consolidate subordinate unit reports via MCLLS/JULLS for submission to higher headquarters.

PREREQUISITE(S): ARM-270.

REFERENCE(S): MCO 5000.17.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

ARM-371

1.0

R

L

TASK: Input data in the Global Command and Control System (GCCS).

CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per the GCCS Users Manual, the Marine will:

- (1) Access a GCCS system.
- (2) Input unit data.
- (3) Prepare reports from system data base.

PREREQUISITE(S): None.

REFERENCE(S): GCCS Users Manual.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

ARM-372

2.0

R

L

TASK: Prepare a Status of Resources and Training System (SORTS) report.

CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per the reference the Marine will, with 100% accuracy:



PREREQUISITE(S): TAC-280.

REFERENCE(S): CAFMS Users Manual(s).

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

**414. FULL COMBAT QUALIFICATION TRAINING**

1. Purpose. The Special Skill Qualification tier contains special skills, and qualifications. These skills or qualifications are not prerequisite to combat qualification or the ability to function as combat leaders, but are those for which a certain number of trained individuals or crews must be maintained to accomplish special missions or tasks.

a. General

(1) Administrative Notes. None.

(2) Prerequisite. Marines will have successfully completed the previous stage of training and have achieved appropriate qualifications and designations per paragraph 434.

b. Crew Requirements. None.

c. Academic Training. Appropriate academic training for this stage is depicted in paragraph 410.

d. Live and Simulator Event Training (15 Events, 28 Hours)

MAN-400      2.0      R                      L

TASK: Prepare and publish an Operations Order.

CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per the reference, the Marine will:

- (1) Gather information and assign responsibilities to the various staff sections to develop an Operations Order.
- (2) Place all information in the correct format and have the document typed.
- (3) Publish the document and monitor compliance.

PREREQUISITE(S): FLD-320, FLD-220, FLD-200.

REFERENCE(S): FMFM 3-1.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

PUB-430      2.0      R                      L

TASK: Demonstrate proficiency in drafting Unit Directives.

CONDITION(S): Given the appropriate equipment and materials.



- (2) Retrieve selected data from the database based upon user defined criteria.
- (3) Prepare detailed visual briefs.

PREREQUISITE(S): ARM-372.

REFERENCE(S): MCO P3000.13, GCCS Users Guide.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

TAC-480

4.0      R                      L

TASK: Establish a Command Operations Center (COC) or Tactical Air Command Center (TACC).

CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per the reference the Marine will:

- (1) Assign and train personnel to function in the COC/TACC.
- (2) Determine necessary equipment to sustain operations in the field and prepare equipment for embarkation.
- (3) Deploy assigned personnel and equipment when directed.

PREREQUISITE(S): TAC-380, TAC-280, MAN-200.

REFERENCE(S): JCS Pub 1-0, JOPES, JCS Pub 2-0, FMFM 3-1, FMFM 5-1, MCO 3100.2.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

## ARM-481

1.0      R                      L

TASK: Input and retrieve data utilizing the capabilities and applications of TCO/JMCIS.

CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per the reference, the Marine will:

- (1) Provide user with real time graphical representation of the position of friendly, hostile, and unknown sea, land, and air tracks.
- (2) Provides several Tactical Decision Aids (TDA) to assist the user in planning and analyzing routes, target areas, points of approach, and track history.

PREREQUISITE(S): TAC-380, TAC-280.

REFERENCE(S): TCO/JMCIS User's Manual.



CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per CTAPS Users Guide, the Marine will:

- (1) Build a deconflicted Airspace Control Order (ACO).
- (2) Transmit, via APS, to the ATO/ITO.
- (3) Make deconflicted airspace information available to users.

PREREQUISITE(S): TAC-483, TAC-482, TAC-481, TAC-380,  
TAC-280.

REFERENCE(S): CTAPS Users Guide.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

TAC-485

3.0      R                      L

TASK: Build, publish and monitor the execution of an ATO.

CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per the CTAPS Users Guide, the Marine will:

- (1) Following the Commander's intent, build the ATO in APS.
- (2) Importing RAAP database for assignment of in-theater assets for listed prioritized targets.
- (3) Assign in-theater assets for Air Support request from MSC units, aerial refueling missions, CAS, etc.
- (4) Deconflict any conflicting missions.
- (5) Exporting the ATO from APS into CAFMS via the ADE module.
- (6) Disseminate the ATO in CAFMS by:
  - (a) Dissemination via the ADD module.
  - (b) Collate the ATO in CAFMS via the COL module.
  - (c) Check JMAPS ATO via the JAC module.
  - (d) Generate ATO via SCH module which populates OPS tables, access, and remote access.

PREREQUISITE(S): TAC-484, TAC-483, TAC-482, TAC-481,  
TAC-380, TAC-280.

REFERENCE(S): CTAPS Users Guide.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

## ATC-490

1.0 R L

TASK: Validate airlift request for Marine Corps aircraft.

CONDITION(S): Given the appropriate equipment and materials.





- (1) Assign the appropriate unit and aircraft type to support airlift request(s).
- (2) Prepare flight advisories.
- (3) Issue modifications to flight advisories as required.
- (4) Issue flight advisory cancellations as required.

PREREQUISITE(S): ATC-491, ATC-490.

REFERENCE(S): MCO 4631.10.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

## ATC-493

$$\frac{1.0}{\text{F}} \quad \frac{\text{L}}{\text{L}}$$

TASK: Prepare and analyze Monthly/Quarterly Reports for submission to HQMC.

CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per the reference the Marine will:

- (1) Identify no-show flights and initiate corrective action to preclude future occurrences.
- (2) Identify discrepancies in passenger loads that are scheduled and flown.
- (3) Monitor aircraft utilization rates.

PREREQUISITE(S) : None.

REFERENCE(S): MCO 4631.10.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

## ATC-494

<u>1.0</u>	<u>F</u>	<u>L</u>
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TASK: Prepare requests for U. S. Air Force strategic aerial refueling to the Air Mobility Command's Receiver Interactive Planning System (RIPS2).

CONDITION(S): Given the appropriate equipment and materials.

STANDARD(S): Per the reference, the Marine will:

- (1) Receive requests from fixed wing squadrons for USAF KC-10/KC-135 tanker aircraft.
- (2) Determine dual role requirements if applicable.
- (3) Ensure that requests meet USAF requirements for a tanker mission request.
- (4) Input planning data using RIPS2 software on a quarterly basis and act as a liaison between USMC receiver squadrons and USAF tanker units.

PREREQUISITE(S): ATC-493.

REFERENCE(S): RIPS2 Users Manual.

ORDNANCE: None.

EXTERNAL SUPPORT REQUIREMENTS: None.

415. SPECIAL TRAINING REQUIREMENTS

NONE

416. EXPENDABLE ORDNANCE REQUIREMENTS

NONE

**MOS: 7041 Aviation Operations Specialist (FMF)**

STAGE	EVENT	HOURS	SUSTAINMENT	CRP
	TRAINING CODE		INTERVAL MONTH	
COMBAT CAPABLE TRAINING				
MAN	100	12.0		2.0
	101	5.0		2.0
CPU	110	15.0		3.0
	111	15.0		3.0
	112	15.0		3.0
	113	15.0		3.0
COR	120	49.0		12.0
PUB	130	13.0		4.0
FPC	140	4.0		1.0
	141	6.0		1.0
	142	35.0		5.0
FLD	150	74.0		17.0
NTP	160	14.0		4.0
TOTALS		276.0		60.0
COMBAT READY TRAINING				
CPU	210	1.0	12	1.0
	211	1.0	12	1.0
COR	220	1.0	12	1.0
	221	1.0	12	1.0
	222	2.0	12	1.0
	223	0.5	12	1.0
	224	1.0	12	1.0
PUB	230	1.0	12	1.0
FPC	240	1.0	12	1.0
FLD	250	2.0	6	2.0
	251	1.0	6	1.0
	252	2.0	6	2.0
	253	1.0	6	1.0
	254	1.0	6	2.0
	255	2.0	6	1.0
	256	1.0	6	1.0
NTP	260	1.0	12	1.0
	261	1.0	12	0.5
	262	1.0	12	0.5
ARM	270	1.0	12	1.0
TAC	280	2.0	12	1.0

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TOTALS	25.5	24.0
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AVN T&R MANUAL, VOLUME 7

**COMBAT QUALIFICATION TRAINING**

CPU	310	5.0	12	0.5
COR	320	1.0	12	0.5
	321	1.0	12	0.5
	322	2.0	12	0.5
	323	1.0	12	0.5
	324	1.0	12	0.5
FLD	350	1.0	6	0.5
	351	1.0	6	0.5
	352	2.0	6	0.5
	353	2.0	6	0.5
	354	2.0	6	0.5
	355	1.0	6	0.5
ARM	370	1.0	12	0.5
	371	1.0	12	0.5
	372	2.0	12	0.5
	373	1.0	12	0.5
TAC	380	1.0	6	<u>0.5</u>
<b>TOTALS</b>		<b>26.0</b>		<b>8.5</b>

**FULL COMBAT QUALIFICATION TRAINING**

MAN	400	2.0	12	0.5
PUB	430	2.0	12	0.5
FLD	450	1.0	12	0.5
ARM	470	1.0	12	0.5
TAC	480	4.0	12	0.5
	481	1.0	12	0.5
	482	6.0	12	0.5
	483	1.0	12	0.5
	484	2.0	12	0.5
	485	3.0	12	0.5
ATC	490	1.0	12	0.5
	491	1.0	12	0.5
	492	1.0	12	0.5
	493	1.0	12	0.5
	494	1.0	12	<u>0.5</u>
<b>TOTALS</b>		<b>28.0</b>		<b>7.5</b>

Figure 4-2 -- Aviation Operations Specialist (FMF) Refly Interval, Combat Readiness Percentage (Con't)

AVIATION T&R MANUAL, VOLUME 7

FMF AVIATION OPERATIONS SPECIALIST FLIGHT UPDATE CHAINING

<u>STAGE</u>	<u>EVENT</u>	<u>EVENTS UPDATED</u>
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**COMBAT CAPABLE**

MAN	200	
CPU	210	
	211	210
COR	220	
	221	220
	222	220
	223	222, 220
	224	
PUB	230	
FPC	240	
FLD	250	
	251	250
	252	251, 250
	253	250
	254	253, 252, 251
	255	250
	256	255, 250
NTP	260	261, 262
	261	
	262	
ARM	270	
TAC	280	

**COMBAT QUALIFIED**

CPU	310	211, 210
COR	320	220
	321	224
	322	
	323	
	324	221
FLD	350	251
	351	251, 250
	352	256, 255
	353	
	354	353
	355	354, 353
ARM	370	270
	371	
	372	
	373	

TAC	380	280
<b>FULL COMBAT QUALIFICATION TRAINING</b>		
MAN	400	320,220,200
PUB	430	230
FLD	450	355,354,353
ARM	470	372
TAC	480	380,280,200
	481	380,280
	482	481,380,280
	483	482,481,380,280
	484	483,482,481,380,280
	485	484,483,482,481,380,280
ATC	490	
	491	490
	492	491,490
	493	
	494	493

Figure 4-3 -- Aviation Operations Specialist (FMF) Event Update Chaining  
(Cont.)